

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. - 31. (Cancelled)

32. (Currently amended) A method for retrieving a vena cava filter from a blood vessel, comprising the steps of:

providing a vena cava filter retrieval device, the device including a tubular sheath, a shaft slidable within the sheath, and means for retrieving a filtering device attached to the shaft;

advancing the retrieval device through a blood vessel to a location adjacent a vena cava filter, the vena cava filter including a hub, the hub defining a narrow portion of the filter, and a plurality of arms extending from the hub, the arms defining a wide portion of the filter;

extending the shaft out from a distal end of the sheath so that the means for retrieving a filtering device engages the narrow portion;

retracting the filter into the sheath; and

The method of claim 29, wherein means for retrieving a filtering device includes a plurality of distal members and wherein the step of extending the shaft out from a distal end of the sheath so that the means for retrieving a filtering device engages the hub includes engaging the distal members with the hub.

33. – 34. (Cancelled)

35. (Currently amended) A method for retrieving a vena cava filter from a blood vessel, comprising the steps of:

providing a vena cava filter retrieval device, the device including a tubular sheath, a shaft slidable within the sheath, and means for retrieving a filtering device attached to the shaft;

advancing the retrieval device through a blood vessel to a location adjacent a vena cava filter, the vena cava filter including a hub, the hub defining a narrow portion of the filter, and a plurality of arms extending from the hub, the arms defining a wide portion of the filter;

extending the shaft out from a distal end of the sheath so that the means for retrieving a filtering device engages the narrow portion;

retracting the filter into the sheath; and

The method of claim 29, further comprising the step of engaging a stabilizing shaft with the filter.

36. – 38. (Cancelled)

39. (Currently amended) A method for retrieving a vena cava filter from a blood vessel, comprising the steps of:

providing a vena cava filter retrieval device, the device including a tubular sheath, a shaft slidable within the sheath, and means for retrieving a filtering device attached to the shaft:

advancing the retrieval device through a blood vessel to a location adjacent a vena cava filter, the vena cava filter including a hub, the hub defining a narrow portion of the filter, and a plurality of arms extending from the hub, the arms defining a wide portion of the filter, each arm including a barb at a proximal end thereof that is embedded within the blood vessel;

extending the shaft out from a distal end of the sheath so that the means for retrieving a filtering device engages the narrow portion;

releasing the barbs from the blood vessel;

retrieving the filter into the sheath; and

~~The method of claim 36, wherein means for retrieving a filtering device includes a plurality of distal members and wherein the step of extending the shaft out from a distal end of the sheath so that the means for retrieving a filtering device engages the hub includes engaging the distal members with the hub.~~

40. – 42. (Cancelled)

43. (Currently amended) A method for retrieving a vena cava filter from a blood vessel, comprising the steps of:

providing a vena cava filter retrieval device, the device including a tubular sheath, a shaft slidable within the sheath, and means for retrieving a filtering device attached to the shaft;

advancing the retrieval device through a blood vessel to a location adjacent a vena cava filter, the vena cava filter including a hub, the hub defining a narrow portion of the filter, and a plurality of arms extending from the hub, the arms defining a wide portion of the filter, each arm including a barb at a proximal end thereof that is embedded within the blood vessel;

extending the shaft out from a distal end of the sheath so that the means for retrieving a filtering device engages the narrow portion;

releasing the barbs from the blood vessel;

retrieving the filter into the sheath; and

~~The method of claim 36, further comprising the step of engaging a stabilizing shaft with the filter.~~

44. -- 46. (Cancelled)

47. (Currently amended) A method for releasing a vena cava filter from a blood vessel, comprising the steps of:

providing a vena cava filter retrieval device, the device including a tubular sheath and a retrieval member slidably disposed within the sheath;

advancing the retrieval device through a blood vessel to a location adjacent a vena cava filter, the vena cava filter including a hub, the hub defining a narrow portion of the

filter, and a plurality of arms extending from the hub, the arms defining a wide portion of the filter, each arm including a barb at a proximal end thereof that is embedded within the blood vessel;

engaging the retrieval member with the narrow portion so that the barbs release from the blood vessel; and

The method of claim 44, wherein the retrieval member includes a plurality of distal members and wherein the step of engaging the retrieval member with the hub so that the barbs release from the blood vessel includes engaging the distal members with the hub.

48. - 51. (Cancelled)

52. (Currently amended) A method for releasing a vena cava filter from a blood vessel, comprising the steps of:

providing a vena cava filter retrieval device, the device including a tubular sheath and a retrieval member slidably disposed within the sheath;

advancing the retrieval device through a blood vessel to a location adjacent a vena cava filter, the vena cava filter including a hub, the hub defining a narrow portion of the filter, and a plurality of arms extending from the hub, the arms defining a wide portion of the filter, each arm including a barb at a proximal end thereof that is embedded within the blood vessel;

engaging the retrieval member with the narrow portion so that the barbs release from the blood vessel; and

~~The method of claim 44, further comprising the step of engaging a stabilizing shaft with the filter.~~